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TITLE: RAINDROP COLLECTING DEVICE  
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ABSTRACT:

PURPOSE: To improve the raindrop collection efficiency by providing a specific space on the upper side of raindrop collection face connected to a raindrop collection pipe, arranging landscape prevention blocks with water penetration holes, and superposing a water penetration layer and earth layer on the upper side of the landscape prevention blocks.

CONSTITUTION: When raindrops fall onto a raindrop collecting device 1,

raindrops pass through an earth layer 12, gravel layer 11, sand layer 10, broken stone layer 9 while filtered therewith. Then they drop onto a raindrop collection face 5 via raindrop penetration holes of landscape prevention blocks 7 to flow in a space S and they are collected by a raindrop collection pipe sequentially. In the case of a heavy rain, the raindrop water is stored in the space S, while the water remained on the surface without entering into the sand layer 12 is flowed into a water leading pipe 14. It is then drained from the water collection pipe 6 via a pipe with hole 13 after it has reached to a gravel layer 11 directly without passing the sand layer 12. It is thus possible to enhance the raindrop collection efficiency.

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